



## WATER RESOURCES RESEARCH GRANT PROPOSAL

**Project ID:** 2003AL9B

**Title:** Characterizing the Biodegradation Rates of Chlorinated Compounds Under Natural and Anthropogenic Electron Donor Conditions

**Project Type:** Research

**Focus Categories:** Groundwater

**Keywords:** Chlorinated solvents, bioremediation, groundwater, transport, degradation, bioremediation, and microorganism

**Start Date:** 03/01/2003

**End Date:** 02/29/2004

**Federal Funds Requested:** \$24959.00

**Matching Funds:** \$51939.00

**Congressional District:** Third

**Principal Investigators:** Clement, Prabhakar T.

**Abstract:** Groundwater aquifers are important water supply sources in several urban and rural regions in Alabama. The capability to protect and manage these precious resources depends on our ability to understand the fate and transport of anthropogenic contaminant species that are inadvertently discharged into streams. This project will focus on the development of a bioremediation technology for solving groundwater pollution problems associated with chlorinated solvents.

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